

SEVERE LOCAL STORMS FOR AUGUST 1946—Continued

[The table herewith contains such data as has been received concerning severe local storms that occurred during the month. A revised list of tornadoes will appear in the United States Meteorological Yearbook]

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Mankato, Minn., vicinity of.	August 17	6:40 p. m.	440	11	225,000	Tornado	Buildings on 8 farms and 3 houses and buildings of the Great Lakes Pipeland Plant wrecked or badly damaged. Tourist camp demolished; number of automobiles and road graders blown off road; much poultry, including several thousand turkeys, and a number of livestock perished. Hundreds of trees uprooted; poles and wires down; loss in growing crops. Storm moved from southwest to northeast over a path 10 miles long.
Braham, Minn., and vicinity.	17	7:40 p. m.	12		60,000	Thunder squalls and hail.	Number of town and country buildings, as well as silos and windmills, wrecked or moved from their foundations and otherwise damaged; many trees, poles, and wires down; corn lodged; some livestock killed. Loss in growing crops, especially corn, from hail, \$26,500, included in \$60,000 estimate.
Posey County, Ind.	17	7:45 p. m.	112			Wind and hail	Buildings damaged; loss in crops.
Wells, Minn., and vicinity	17	7:48 p. m.	200		700,000	Tornado	Buildings on 2 farms wrecked or badly damaged; parochial school, rectory, and church partly destroyed; 2 town houses and a number of garages demolished; public school building and some houses damaged. Nearly every building in the business section of this district damaged; some entirely destroyed. Poles and wires down; hundreds of trees uprooted; much poultry, especially turkeys, and some livestock perished. Loss in growing crops. 25 persons injured, 4 seriously. Storm moved from southwest to northeast over a path 5 miles long.
Galena, Kans.	17	8 p. m.	200		50,000	High wind	Theater damaged; in smaller buildings windows were blown in; some roofs blown off. 3 persons injured; path 4 miles long.
Dunn County, Wis., eastern portion.	17	10:45-11:30 p. m.	1 1/2		5,500	Hail	Loss in corn, soybeans, tobacco, and garden crops, \$5,000; damage to roofs, windows, and automobiles, \$500; path 7 miles long.
Rose Hill, Va.	17					Excessive rain	Considerable damage to grassland on mountainside due to landslide. 1 road completely washed out; gullies 3-4 feet deep. About 5 inches of rain fell in 9 hours.
Massachusetts, Connecticut Valley of Hampshire County.	23	3-3:30 p. m.			150,000	Hail	Loss in about 350 acres of tobacco. Only 1/4 of harvest completed when storm occurred.
Cheyenne, Wyo	26	1:02-1:45 a. m.			100,000	Heavy rain	1.45 inch of rain fell in 43 minutes; .98 inch of this fell in a 10-minute period, breaking previous records for falls for 5- and 10-minute periods. This was also the heaviest rainfall for periods of 3 hours or less in August. Damage confined to flooded cellars and basement apartments in the eastern section of the city.
Reedsville, Browns Summit, Gibsonville, and Cedar Grove, N. C., and vicinities.	26	2-4 p. m.	12-3		900,000	Severe hail	Storm moved from Virginia southward into Rockingham County, sweeping a 2-mile strip across the county southward into Guilford County. The devastated belt was more than 40 miles long in Rockingham and Guilford Counties, making a total of more than 80 square miles affected. The hailstones, bullet-sized, were pelted through heavy rain. Orange County reported this to be the worst hailstorm in years through the Cedar Grove section of the county, causing much loss in remaining field crops. Principal loss in corn and tobacco. Fortunately, most of latter crop harvested. Hail 1 1/4 inches deep in some areas. Crop loss in Guilford County, \$300,000; in Rockingham County \$600,000.
Albuquerque, N. Mex., east of.	26	3:30 p. m.				Heavy rain	Rain of almost cloudburst proportions flooded highways and basements.
Lucketts, Va.	26	4:30 p. m.	12		500	Hail	Hailstones heavy; loss in corn.
Pinehurst, N. C., 3 1/4 miles west-northwest.	26	6:27 p. m., E. S. T.				Wind and hail	8 steel towers of power transmission lines toppled; 40 trees uprooted; hail reported ankle-deep.
Pueblo, Colo.	26	6:50-8:20 p. m.			65,000	Flood	Basements flooded; power, telephone, and railroad service disrupted; roads and bridges washed out. A 12-car trainload of cement derailed, and cement scattered over a mile area as the result of a washed-out culvert; train service disrupted for several hours.
Maine Coast, York Harbor to Wells.	26	7 p. m.-midnight			250,000	Heavy rain, cloudburst, flood, and wind.	8 inches of rain recorded in non-standard gages. Heaviest flood damage at amusement center of York Beach, where many parked cars were inundated. Store cellars filled with water, ruining stored stock; water rose to 4 feet on ground floor of many stores. Other losses to small boats and bridges washed out. York Beach damage, \$300,000; other damage \$50,000. Flood due to combination of extremely heavy rains and incoming high tide driven by storm winds.
Hagerman, N. Mex.	28	P. m.				Heavy rain, electrical.	2 barns destroyed by lightning.

1 Miles instead of yards.

LATE STORM REPORTS FOR JULY 1946

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Appanoose, Monroe, Davis, Wapelle, and Wabaska Counties, Iowa.	July 1946 16-17	4 p. m.		5	\$350,000	Heavy rain and flood.	Small streams flooded; bridges, culverts, and railroad tracks washed out. Flash flood occurred in lower Des Moines River. Damage in Monroe and southeastern Mahaska Counties estimated at \$350,000. Not quite as much in other areas. 4 persons drowned near Albia as automobile plunged into creek at washed-out bridge site. Railroad man killed in accident indirectly due to storm. 24-hour rainfall measured from 4.36 to 7.70 inches at different points.
Hancock County, Iowa.	18	9 p. m.	12			Hail	Loss in crops several hundred thousand dollars, not estimated; path 12 miles long.
Jasper County, Iowa.	27				1,500	Rain and flood	Basement flooded; small creeks overflowed.
Lyon County, Iowa.	28	7:30 p. m.			600	Hail	Loss in crops.
Morland, Kans., and vicinity.	29				8,000	High winds	Loss in crops, \$5,000; property damage, \$3,000.
Plymouth to Sioux Counties, Iowa.	29	P. m.	112		250,000	Hail and wind	Hail fell over an irregular area, 12 miles across at its greatest width, from near Seney, in Plymouth County, along and on both sides of Floyd River to Newkirk and Hospers in Sioux County. Greatest damage occurred in an area about 6 miles square and 2 miles south and west of Newkirk and Hospers. In the worst area some corn and soybeans were total loss.

1 Miles instead of yards.